EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	triple adj homologous adj recombination	US-PGPUB; USPAT	OR	ON	2007/02/15 17:38
L2	0	in adj (vivo or vitro) adj chromosom$2 adj engineer$3	US-PGPUB; USPAT	OR	ON	2007/02/15 17:38
L3	2801	chromosom$2 adj (engineering or integration)	US-PGPUB; USPAT	OR	ON	2007/02/15 17:28
L4	2801	chromosom$2 adj (engineering or integration)	US-PGPUB; USPAT	OR	ON	2007/02/15 17:39
L5	10	(triple or multiple) adj homologous adj recombination	US-PGPUB; USPAT	OR	ON	2007/02/15 17:39
L6	435	((Two adj (DNA near2 fragment)) or ((first adj recombination adj element) and (second adj recombination adj region) and (bacterial adj chromosome))) and (homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2007/02/15 17:39
L7	2	(((first adj recombination adj (element or region)) and (second adj recombination adj (region or element)) and (bacterial adj chromosome))) and (homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2007/02/15 17:40
L8	34	L6 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2007/02/15 17:40
L9	114	((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46)	US-PGPUB; USPAT	OR	ON	2007/02/15 17:40
L10	31	L9 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2007/02/15 17:41
L11	25	L10 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2007/02/15 17:33
L12	9	L1 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2007/02/15 17:41

L13	9	L1 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2007/02/15 17:42
L14	0	L13 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2007/02/15 17:42
L15	25	L11 and ((selectable adj marker) or (kanamycin adj select$4 adj marker) or (antibiotic adj select$4 adj marker) or (enzyme adj select$4 adj marker) or (antibiotic adj resistance adj marker) or (enzymatic adj marker))	US-PGPUB; USPAT	OR	ON	2007/02/15 17:42
L16	25	L15 ANd (express$4 DNA adj fragment) and ((regulatory near element) or promoter or orf or (open adj reading adj frame))	US-PGPUB; USPAT	OR	ON	2007/02/15 17:43
L17	25	L16 and (Escherichia or salmonella or acinetobactor or methylomonas or bacillus or pseudomonas)	US-PGPUB; USPAT	OR	ON	2007/02/15 17:43
L18	100	(foreign and (native or bacterial)) adj promoter	US-PGPUB; USPAT	OR	ON	2007/02/15 17:43
L19	100	L18 ANd (express$4 DNA adj fragment) and ((regulatory near element) or promoter or orf or (open adj reading adj frame))	US-PGPUB; USPAT	OR	ON	2007/02/15 17:36
L20	3	L19 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2007/02/15 17:44
L21	0	L20 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2007/02/15 17:44
L22	1730	suh.in.	US-PGPUB; USPAT	OR	ON	2007/02/15 17:44
L23	0	suh-w.in.	US-PGPUB; USPAT	OR	ON	2007/02/15 17:36

EAST Search History

L24	10	triple adj homologous adj recombination	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:38
L25	0	in adj (vivo or vitro) adj chromosom$2 adj engineer$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:39
L26	2801	chromosom$2 adj (engineering or integration)	US-PGPUB; USPAT	OR	ON	2007/02/15 17:39
L27	10	(triple or multiple) adj homologous adj recombination	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:39
L28	436	((Two adj (DNA near2 fragment)) or ((first adj recombination adj element) and (second adj recombination adj region) and (bacterial adj chromosome))) and (homologous adj recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:39
L30	2	(((first adj recombination adj (element or region)) and (second adj recombination adj (region or element)) and (bacterial adj chromosome))) and (homologous adj recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:40
L31	34	L6 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:40
L32	116	((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:40
L33	68	L32 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:41

L34	26	L33 and @ad<="20021219"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:44
L35	9	L1 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:41
L36	9	L1 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:42
L37	0	L36 and @ad<="20021219"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:42
L38	25	L11 and ((selectable adj marker) or (kanamycin adj select$4 adj marker) or (antibiotic adj select$4 adj marker) or (enzyme adj select$4 adj marker) or (antibiotic adj resistance adj marker) or (enzymatic adj marker))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:42
L39	25	L15 ANd (express$4 DNA adj fragment) and ((regulatory near element) or promoter or orf or (open adj reading adj frame))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:43
L40	25	L16 and (Escherichia or salmonella or acinetobactor or methylomonas or bacillus or pseudomonas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:43
L41	100	(foreign and (native or bacterial)) adj promoter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:43

L42	3	L41 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination).adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:44
L43	0	L42 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2007/02/15 17:44
L44	12650	suh.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:44
L45	48	suh-w.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:44
L46	36	L45 and @ad<="20021219"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/15 17:45

```
?  d s
Set      Items    Description
S1          0     S TRIPLE (W) HOMOLOGOUS (W) RECOMBINATION
S2          0     S (VIVO OR VITRO) (W) CHROMOSOM?? (W) ENGINEER??
S3       9518     S CHROMOSOM?? (3N) (ENGINEERING OR INTEGRATION)
S4          6     S (TRIPLE OR MULTIPLE)(W) HOMOLOGOUS (W) RECOMBINATION
S5          1     RD  (unique items)
S6          1     S ((TWO (W) (DNA (2N) FRAGMENT)) OR ((FIRST (W) RECOMBINATION ADJ (ELEMENT
OR REGION)) AND (SECOND (W) RECOMBINATION (W) REGION) AND (BACTERIAL (W) CHROMOSOME))) AND
(HOMOLOGOUS (W) RECOMBINATION)
S7          0     S ( ((FIRST (W) RECOMBINATION (W) (ELEMENT OR REGION)) AND (SECOND (W)
RECOMBINATION (W) (REGION OR ELEMENT)) AND (BACTERIAL (W) CHROMOSOME))) AND (HOMOLOGOUS
(W) RECOMBINATION)
S8          0     S S6 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W)
RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)
S9        165     S ((RED (W) (RECOMBINASE OR RECOMBINATION)(W)SYSTEM) OR (LAMBDA-RED (W)
(RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA(W) RED (W)(RECOMBINASE OR
RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W)
HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR (LAMBDA (W) RED (W) SYSTEM) OR PKD46)
S10        88     S S9 NOT PD>021219
S11         5     S S10 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W)
RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)
S12         4     RD  (unique items)
S13         0     S S11 AND ((SELECTABLE (W) MARKER) OR (KANAMYCIN (W) SELECT?? (W) MARKER)
OR (ANTIBIOTIC (W) SELECT? (W) MARKER) OR (ENZYME (W) SELECT?? (W) MARKER) OR (ANTIBIOTIC
(W) RESISTANCE (W) MARKER) OR (ENZYMATIC (W) MARKER))
S14         0     S S11 AND (EXPRESS?? DNA (W) FRAGMENT) AND ((REGULATORY (2N) ELEMENT) OR
PROMOTER OR ORF OR (OPEN (W) READING (W) FRAME))
S15        77     S (S10 OR S11) AND ( ESCHERICHIA OR SALMONELLA OR ACINETOBACTOR OR
METHYLOMONAS OR BACILLUS OR PSEUDOMONAS)
S16         0     S S15 AND ((FOREIGN AND (NATIVE OR BACTERIAL)) (2N) PROMOTER )
S17         5     S AU=SUH, W
S18         4     RD  (unique items)

?
```

[File 185] **Zoological Record Online(R)** 1978-2007/Feb
(c) 2007 The Thomson Corp. All rights reserved.

[File 357] **Derwent Biotech Res. _**1982-2007/Feb W2
(c) 2007 The Thomson Corp. All rights reserved.

[File 369] **New Scientist** 1994-2007/Oct W5
(c) 2007 Reed Business Information Ltd. All rights reserved.

[File 370] **Science** 1996-1999/Jul W3
(c) 1999 AAAS. All rights reserved.
File 370: This file is closed (no updates). Use File 47 for more current information.

[File 391] **Beilstein Reactions** 2006/Q4
(c) 2006 Beilstein GmbH. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec
(c) 2006 The Thomson Corp. All rights reserved.

[File 467] **ExtraMED(tm)** 2000/Dec
(c) 2001 Informania Ltd. All rights reserved.

```
?   s triple (w) homologous (w) recombination
        213247    TRIPLE
        547799    HOMOLOGOUS
        406612    RECOMBINATION
S1           0    S TRIPLE (W) HOMOLOGOUS (W) RECOMBINATION

?   s (vivo or vitro) (w) chromosom?? (w) engineer??
       2500850    VIVO
       4543731    VITRO
       1736980    CHROMOSOM??
        392646    ENGINEER??
S2           0    S (VIVO OR VITRO) (W) CHROMOSOM?? (W) ENGINEER??

?   s chromosom?? (3n) (engineering or integration)
       1736980    CHROMOSOM??
       2044844    ENGINEERING
        564493    INTEGRATION
S3        9518    S CHROMOSOM?? (3N) (ENGINEERING OR INTEGRATION)

?   s (triple or multiple)(w) homologous (w) recombination
        213247    TRIPLE
       3159726    MULTIPLE
        547799    HOMOLOGOUS
        406612    RECOMBINATION
S4           6    S (TRIPLE OR MULTIPLE)(W) HOMOLOGOUS (W) RECOMBINATION

?
?  rd
>>>W:  Duplicate detection is not supported for File 391.
```

Records from unsupported files will be retained in the RD set.
S5   1   RD   (UNIQUE ITEMS)

? t s5/medium

5/3/1 (Item 1 from file: 5) **Links**
  Fulltext available through: American Society for Microbiology   USPTO Full Text Retrieval Options
SCIENCEDIRECT
Biosis Previews(R)

18590675 **Biosis No.: 200510285175**
**Spontaneous homologous recombination is induced by collapsed replication forks that are caused by
endogenous DNA single-strand breaks**

Author: Saleh-Gohari Nasrollah; Bryant Helen E; Schultz Niklas; Parker Kayan A; Cassel Tobias N; Helleday
Thomas (Reprint)
Author Address: Univ Sheffield, Sch Med, Inst Canc Studies, Beech Hill Rd, Sheffield S10 2RX, S Yorkshire,
UK**UK
Author E-mail Address: t.helleday@sheffield.ac.uk
Document Type: Article
Record Type: Abstract
Language: English

```
?  s ((Two (w) (DNA (2n) fragment)) or ((first (w) recombination adj (element or region))
and (second (w) recombination (w) region) and (bacterial (w) chromosome))) and (homologous
(w) recombination)
Processing
Processing
Processing
        14203765    TWO
         5150027    DNA
          817271    FRAGMENT·
              39    TWO(W)DNA(2N)FRAGMENT
         6852768    FIRST
               0    RECOMBINATION ADJ (ELEMENT
               0    FIRST(W)RECOMBINATION ADJ (ELEMENT
               0    REGION)
         3170214    SECOND
          406612    RECOMBINATION
         5898357    REGION
               1    SECOND(W)RECOMBINATION(W)REGION
         2407499    BACTERIAL
         1314791    CHROMOSOME
            5503    BACTERIAL(W)CHROMOSOME
          547799    HOMOLOGOUS
          406612    RECOMBINATION
           58939    HOMOLOGOUS(W)RECOMBINATION
S6             1    S ((TWO (W) (DNA (2N) FRAGMENT)) OR ((FIRST (W) RECOMBINATION ADJ (ELEMENT
OR REGION)) AND (SECOND (W) RECOMBINATION (W) REGION) AND (BACTERIAL (W) CHROMOSOME))) AND
(HOMOLOGOUS (W) RECOMBINATION)
```

? t s6/medium

6/3/1 (Item 1 from file: 35) **Links**
Dissertation Abs Online

01534839 ORDER NO: AAD97-07551
GENE TRANSFER BY VIRAL VECTORS (HEMATOPOIETIC STEM CELLS)

Author: FU, SIQING
Degree: PH.D.
Year: 1996
Corporate Source/Institution: THE UNIV. OF TEXAS H.S.C. AT HOUSTON GRAD. SCH. OF BIOMED. SCI. (2034)
Source: Volume 5710B of Dissertations Abstracts International.
PAGE 6074 . 201 PAGES

? s (((first (w) recombination (w) (element or region)) and (second (w) recombination
(w) (region or element)) and (bacterial (w) chromosome))) and (homologous (w)   ·
recombination)
Processing
Processing
        6852768   FIRST
         406612   RECOMBINATION
        2336575   .ELEMENT
        5898357   ·REGION
              1   FIRST(W)RECOMBINATION(W)(ELEMENT OR REGION)
        3170214   SECOND
         406612   RECOMBINATION
        5898357   REGION
        2336575   ELEMENT
              1   SECOND(W)RECOMBINATION(W)(REGION OR ELEMENT)
        2407499   BACTERIAL
        1314791   CHROMOSOME
    .   5503   BACTERIAL(W)CHROMOSOME
         547799   HOMOLOGOUS
         406612   RECOMBINATION
          58939   HOMOLOGOUS(W)RECOMBINATION
S7   0   S (((FIRST (W) RECOMBINATION (W) (ELEMENT OR REGION)) AND (SECOND (W)
RECOMBINATION (W) (REGION OR ELEMENT)) AND (BACTERIAL (W) CHROMOSOME))) AND (HOMOLOGOUS
(W) RECOMBINATION)

? s s6 and ((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or
Cre/lox or flippase or Flp or Xer/dif or Int/att)
Processing
>>>W: Term "LOX" is not defined in one or more files
Term "DIF" is not defined in one or more files
Term "ATT" is not defined in one or more files
              1   S6
           6188   SITE-SPECIFIC   ·
          22999·   RECOMBINASE
              0   SITE-SPECIFIC(W)RECOMBINASE
        3388936   SITE
        6562357   SPECIFIC
          22999   RECOMBINASE
           1943   SITE(W)SPECIFIC(W)RECOMBINASE
          36227   CRE/LOX
           1164   FLIPPASE
           5216   FLP
            647   XER/DIF
          87816   INT/ATT
S8   0   S S6 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W)
RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)

? s ((Red (w) (recombinase or recombination)(w)system) or (lambda-Red (w) (recombinase or
recombination) (w) system) or (lambda(w) Red (w)(recombinase or recombination) (w) system)
or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or
(lambda-Red (w) system) or (lambda (w) Red (w) system) or pKD46)
Processing
Processing
        1334538   RED   ·
          22999   RECOMBINASE
         406612 . RECOMBINATION
       21428953   SYSTEM
             91   RED(W)(RECOMBINASE OR RECOMBINATION)(W)SYSTEM
              6   LAMBDA-RED
          22999   RECOMBINASE

```
        406612    RECOMBINATION
      21428953    SYSTEM
             0    LAMBDA-RED(W)(RECOMBINASE OR RECOMBINATION)(W)SYSTEM
        402126    LAMBDA
       1334538    RED
         22999    RECOMBINASE
        406612    RECOMBINATION
      21428953    SYSTEM
            51    LAMBDA(W)RED(W)(RECOMBINASE OR RECOMBINATION)(W)SYSTEM
             6    LAMBDA-RED
        200297    HELPER
        524840    PLASMID
             0    LAMBDA-RED(W)HELPER(W)PLASMID
        402126    LAMBDA
       1334538    RED
        200297    HELPER
        524840    PLASMID
             0    LAMBDA(W)RED(W)HELPER(W)PLASMID
             6    LAMBDA-RED
      21428953    SYSTEM
             0    LAMBDA-RED(W)SYSTEM
        402126    LAMBDA
       1334538    RED
      21428953    SYSTEM
            57    LAMBDA(W)RED(W)SYSTEM
            19    PKD46
S9        165    S ((RED (W) (RECOMBINASE OR RECOMBINATION)(W)SYSTEM) OR (LAMBDA-RED (W)
(RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA(W) RED (W)(RECOMBINASE OR
RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W)
HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR (LAMBDA (W) RED (W) SYSTEM) OR PKD46)


?   s s9 not pd>021219
Processing
>>>W:  One or more prefixes are unsupported
   or undefined in one or more files.
           165    S9
      12698983    PD>021219
S10        88    S S9 NOT PD>021219


?   S S10 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR
CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)
Processing
>>>W:  Term "LOX" is not defined in one or more files
Term "DIF" is not defined in one or more files
Term "ATT" is not defined in one or more files
            88    S10
          6188    SITE-SPECIFIC
         22999    RECOMBINASE
             0    SITE-SPECIFIC(W)RECOMBINASE
       3388936    SITE
       6562357    SPECIFIC
         22999    RECOMBINASE
          1943    SITE(W)SPECIFIC(W)RECOMBINASE
         36227    CRE/LOX
          1164    FLIPPASE
          5216    FLP
           647    XER/DIF
         87816    INT/ATT
S11         5    S S10 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W)
RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)
```

```
?  rd
>>>W:  Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S12        4   RD  (UNIQUE ITEMS)

?  t s12/medium/all
```

12/3/1 (Item 1 from file: 5) **Links**
 Fulltext available through: USPTO Full Text Retrieval Options   SCIENCEDIRECT·
Biosis Previews(R)

18882141   **Biosis No.: 200600227536**
PCR-based tandem epitope tagging system for Escherichia coli genome engineering

Author: Cho Byung-Kwan; Knight Eric M; Palsson Bernhard O (Reprint)
Author Address: Univ Calif San Diego, Dept Bioengn, 9500 Gilman Dr, La Jolla, CA 92093 USA **USA
Author E-mail Address: bpalsson@ucsd.edu
Journal: BioTechniques 40 (1): p 67-72 JAN 2006 2006
ISSN: 0736-6205
Document Type: Article
Record Type: Abstract
Language: English

12/3/2 (Item 2 from file: 5) <u>Links</u>
   Fulltext available through: <u>USPTO Full Text Retrieval Options</u>   <u>SCIENCEDIRECT</u>
Biosis Previews(R)

18480514   Biosis No.: 200510175014
Deletion of clpP in chromosome of E-coli by red recombination

Author: Bai Guang-Xing; Sun Zhi-Wei; Huang Ying; Yu Wei-Yuan (Reprint)
Author Address: Acad Mil Med Sci, Inst Biotechnol, Beijing 100071, Peoples R China**Peoples R China
Author E-mail Address: Yuwy@nic.bmi.ac.cn
Document Type: Article
Record Type: Abstract
Language: Chinese

12/3/3 (Item 3 from file: 5) <u>Links</u>
  Fulltext available through: <u>USPTO Full Text Retrieval Options</u>   <u>SCIENCEDIRECT</u>
17794154 **Biosis No.: 200400161495**
Rapid generation of sequence specific germline modifications in mice.

Author: Zhou Dewang (Reprint); Ren Jinxiang (Reprint); Ryan Thomas M (Reprint); Townes Tim M (Reprint)
Author Address: Dept. of Biochemistry and Molecular Genetics, University of Alabama at Birmingham, Birmingham, AL, USA**USA

12/3/4 (Item 1 from file: 357) <u>Links</u>
    Fulltext available through: <u>USPTO Full Text Retrieval Options</u> <u>SCIENCEDIRECT</u>
Derwent Biotech Res.

0389600 **DBA Accession No.: 2006-03096**
PCR-based tandem epitope tagging system for Escherichia coli genome engineering the use of tandem epitope tagging based on the polymerase chain reaction for investigation of Escherichia coli functional genomics

Author: CHO BK; KNIGHT EM; PALSSON BO
Corporate Affiliate: Univ Calif San Diego
Corporate Source: Palsson BO, Univ Calif San Diego, Dept Bioengn, 9500 Gilman Dr, La Jolla, CA 92093 USA
Journal: BIOTECHNIQUES (40, 1, 67-72) 2006
ISSN: 0736-6205
Language: English

? s s11 and ((selectable (w) marker) or (kanamycin (w) select?? (w) marker) or
(antibiotic (w) select? (w) marker) or (enzyme (w) select?? (w) marker) or (antibiotic (w)
resistance (w) marker) or (enzymatic (w) marker))
Processing
Processing
Processing

```
          5    S11
      32326    SELECTABLE
    1068991    MARKER
      20851    SELECTABLE(W)MARKER
      59311    KANAMYCIN
    2316097    SELECT??
    1068991    MARKER
          0    KANAMYCIN(W)SELECT??(W)MARKER
     832915    ANTIBIOTIC
    6140492    SELECT?
    1068991    MARKER
         65    ANTIBIOTIC(W)SELECT?(W)MARKER
    4480990    ENZYME
    2316097    SELECT??
    1068991    MARKER
          0    ENZYME(W)SELECT??(W)MARKER
     832915    ANTIBIOTIC
    3088067    RESISTANCE
    1068991    MARKER
        896    ANTIBIOTIC(W)RESISTANCE(W)MARKER
     735714    ENZYMATIC
    1068991    MARKER
        517    ENZYMATIC(W)MARKER
S13       0    S S11 AND ((SELECTABLE (W) MARKER) OR (KANAMYCIN (W) SELECT?? (W) MARKER)
OR (ANTIBIOTIC (W) SELECT? (W) MARKER) OR (ENZYME (W) SELECT?? (W) MARKER) OR (ANTIBIOTIC
(W) RESISTANCE (W) MARKER) OR (ENZYMATIC (W) MARKER))
```

? s s11 And (express?? DNA (w) fragment) and ((regulatory (2n) element) or promoter or
orf or (open (w) reading (w) frame))

```
          5    S11
          0    EXPRESS?? DNA
     817271    FRAGMENT
          0    EXPRESS?? DNA(W)FRAGMENT
    1024877    REGULATORY
    2336575    ELEMENT
      49489    REGULATORY(2N)ELEMENT
     840085    PROMOTER
      59327    ORF
    1408712    OPEN
     456652    READING
     418960    FRAME
     164960    OPEN(W)READING(W)FRAME
S14       0    S S11 AND (EXPRESS?? DNA (W) FRAGMENT) AND ((REGULATORY (2N) ELEMENT) OR
PROMOTER OR ORF OR (OPEN (W) READING (W) FRAME))
```

? d s
```
Set     Items    Description
S1          0    S TRIPLE (W) HOMOLOGOUS (W) RECOMBINATION
S2          0    S (VIVO OR VITRO) (W) CHROMOSOM?? (W) ENGINEER??
S3       9518    S CHROMOSOM?? (3N) (ENGINEERING OR INTEGRATION)
S4          6    S (TRIPLE OR MULTIPLE)(W) HOMOLOGOUS (W) RECOMBINATION
S5          1    RD  (unique items)
S6          1    S ((TWO (W) (DNA (2N) FRAGMENT)) OR ((FIRST (W) RECOMBINATION ADJ (ELEMENT
OR REGION)) AND (SECOND (W) RECOMBINATION (W) REGION) AND (BACTERIAL (W) CHROMOSOME))) AND
```

```
(HOMOLOGOUS (W) RECOMBINATION)
S7          0    S ( ((FIRST (W) RECOMBINATION (W) (ELEMENT OR REGION)) AND (SECOND (W)
RECOMBINATION (W) (REGION OR ELEMENT)) AND (BACTERIAL (W) CHROMOSOME))) AND (HOMOLOGOUS
(W) RECOMBINATION)
S8          0    S S6 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W)
RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)
S9        165    S ((RED (W) (RECOMBINASE OR RECOMBINATION)(W)SYSTEM) OR (LAMBDA-RED (W)
(RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA(W) RED (W)(RECOMBINASE OR
RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W)
HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR (LAMBDA (W) RED (W) SYSTEM) OR PKD46)
S10        88    S S9 NOT PD>021219
S11         5    S S10 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W)
RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)
S12         4    RD  (unique items)
S13         0    S S11 AND ((SELECTABLE (W) MARKER) OR (KANAMYCIN (W) SELECT?? (W) MARKER)
OR (ANTIBIOTIC (W) SELECT? (W) MARKER) OR (ENZYME (W) SELECT?? (W) MARKER) OR (ANTIBIOTIC
(W) RESISTANCE (W) MARKER) OR (ENZYMATIC (W) MARKER))
S14         0    S S11 AND (EXPRESS?? DNA (W) FRAGMENT) AND ((REGULATORY (2N) ELEMENT) OR
PROMOTER OR ORF OR (OPEN (W) READING (W) FRAME))

?  s (s10 or s11) and ( Escherichia or salmonella or acinetobactor or methylomonas or
bacillus or pseudomonas)
          88    S10
           5    S11
     1453455    ESCHERICHIA
      329621    SALMONELLA
          91    ACINETOBACTOR
        1990    METHYLOMONAS
      415807    BACILLUS
      459571    PSEUDOMONAS
S15        77    S (S10 OR S11) AND ( ESCHERICHIA OR SALMONELLA OR ACINETOBACTOR OR
METHYLOMONAS OR BACILLUS OR PSEUDOMONAS)

?  s s15 and ((foreign and (native or bacterial)) (2n) promoter )
          77    S15
      325766    FOREIGN
      715464    NATIVE
     2407499    BACTERIAL
      840085    PROMOTER
         285    (FOREIGN AND (NATIVE OR BACTERIAL))(2N)PROMOTER
S16         0    S S15 AND ((FOREIGN AND (NATIVE OR BACTERIAL)) (2N) PROMOTER )

?  s au=suh, w
S17         5    S AU=SUH, W

?  rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S18         4    RD  (UNIQUE ITEMS)

?  t s18/free/all
 18/8/1 (Item 1 from file: 24) Links
CSA Life Sciences Abstracts
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0002900695   IP Accession No: 6864662
```

A novel chimeric promoter that is highly responsive to hypoxia and metals

Publication Date: 2006

18/8/2 (Item 2 from file: 24) <u>Links</u>
CSA Life Sciences Abstracts

0002316419   IP Accession No: 5364951
Generation and Characterization of Smac/DIABLO-Deficient Mice

Publication Date: 2002

Descriptors: Liver; Mitochondria; Apoptosis; procaspase-3; Smac gene; DIABOLO gene
Identifiers: mice; inhibitor of apoptosis proteins
Subj Catg: 07397, Rodentia (mice)

18/8/3 (Item 3 from file: 24) <u>Links</u>
0002062673   IP Accession No: 4665356
Structural Features Required for the Interaction of the Hsp70 Molecular Chaperone DnaK with Its Cochaperone DnaJ

Publication Date: 1999

Descriptors: Heat shock proteins; Chaperones; Conformational analysis; DnaK protein; Hsp70 protein; DnaJ protein; Escherichia coli
Subj Catg: 02727, Amino acids, peptides and proteins

18/8/4 (Item 4 from file: 24) **Links**
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0001934099   IP Accession No: 4438309
Interaction of the Hsp70 molecular chaperone, DnaK, with its cochaperone DnaJ

Publication Date: 1998

Descriptors: Heat shock proteins; chaperones; Hsp70 protein; DnaK protein; DnaJ protein; Escherichia coli
Subj Catg: 02727, Amino acids, peptides and proteins